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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/731,496	12/09/2003	David Camp	44501-00046USPT

CONFIRMATION NO. 4603

## FORMALITIES LETTER



\*OC000000012067065\*

Alan R. Thiele  
 JENKENS & GILCHRIST, P.C.  
 Suite 3200  
 1445 Ross Avenue  
 Dallas, TX 75202-2799

Date Mailed: 03/10/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 4.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

08/12/2004 MAHME1 00000051 10731496

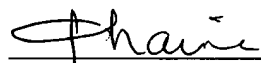
01 FC:1051

130.00 OP

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice MUST be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

OIPE JCT  
AUG 10 2004  
PATENT & TRADEMARK OFFICE

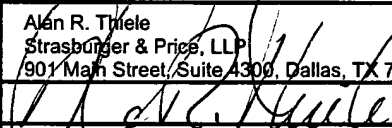
PTO/SB/21 (02-04)

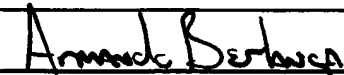
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/731,496
	Filing Date	December 9, 2003
	First Named Inventor	Camp, David
	Art Unit	3672
	Examiner Name	---
	Attorney Docket Number	44501-00046 USPT
Total Number of Pages in This Submission		15

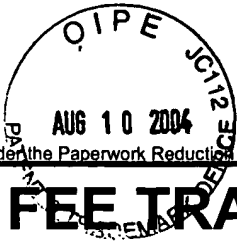
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<b>Remarks</b>  - Notice to File Missing Parts - Declaration for Utility or Design Patent Application - Recordation Form Cover Sheet - Assignment - Postcard acknowledgment	
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	Alan R. Thiele Strasburger & Price, LLP 901 Main Street, Suite 4300, Dallas, TX 75202
Signature	
Date	August 10, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage <del>as indicated on the envelope</del> in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. <b>for U.S. Express Mail (No. EL-650191644-US)</b>			
Typed or printed name		Armando Berlanga	
Signature			Date August 10, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ ) 1,120.00**Complete if Known**

Application Number	10/731,496
Filing Date	December 9, 2003
First Named Inventor	Camp, David
Examiner Name	---
Art Unit	3672
Attorney Docket No.	44501-00046 USPT

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

194547

PTO Deposit Account

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b> (\$ )					

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-20** =		X		=	
Multiple Dependent		-3** =		X		=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b> (\$ )					

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	130.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	950.00
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 1,120.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)

Alan R. Thiele

Registration No.  
(Attorney/Agent)

30,694

Telephone 210.250.6014

Signature

Date

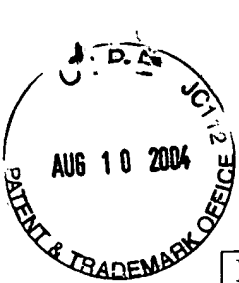
August 10, 2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: David Camp	§	ATTORNEY DOCKET NO.
	§	44501-00046 USPT
APP. NO.: 10/731,496	§	
FILED: December 9, 2003	§	
TITLE: Orienter/Motor for Drilling Tool Assembly	§	

TO: Mail Stop Missing Parts/Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<p align="center"><b><u>CERTIFICATE OF MAILING BY EXPRESS MAIL</u></b> <b><u>UNDER 37 C.F.R. § 1.10</u></b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for Express Mail, Express Mail No. <u>EL-650191644-US</u>, addressed to: Mail Stop Missing Parts/Fee, Commissioner of Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450; on August 10, 2004.</p> <p><u>Armando Berlanga</u> Printed Name of Person Filing or Mailing Document</p> <p><u>Armando Berlanga</u> Signature of Person Filing or Mailing Document</p>
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**RESPONSE TO**  
**NOTICE TO FILE MISSING PARTS OF APPLICATION**

Dear Sir:

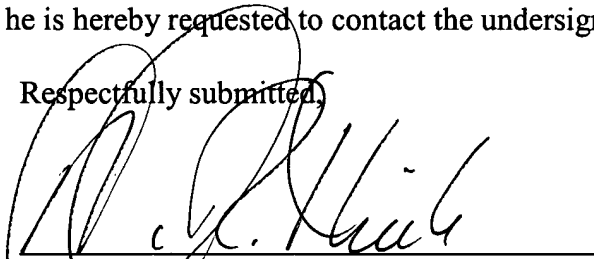
In response to the Notice to File Missing Parts mailed by the Application Branch on March 10, 2004, you will find enclosed a Declaration and a Power of Attorney duly executed by the inventor on August 3, 2004.

A check is enclosed to cover the surcharge of \$130.00 as set forth in 37 C.F.R. 1.16(e).

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper during the pendency of this application or apply any funds due to "PTO Deposit Account" No. 194547. It is respectfully submitted that no additional parts are required to be filed with regard to the above-referenced application, and the application should, therefore, be processed accordingly.

Should the Examiner feel that the prosecution of the above-identified application may be materially advanced by a telephone call, he is hereby requested to contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "A. R. Thiele", is written over a horizontal line.

Alan R. Thiele

Reg. No. 30,694

Strasburger & Price, LLP

901 Main Street, Suite 4300

Dallas, Texas 75202

Telephone: (210) 250-6014 (direct)

Facsimile: (210) 250-6100

Date: August 10, 2004